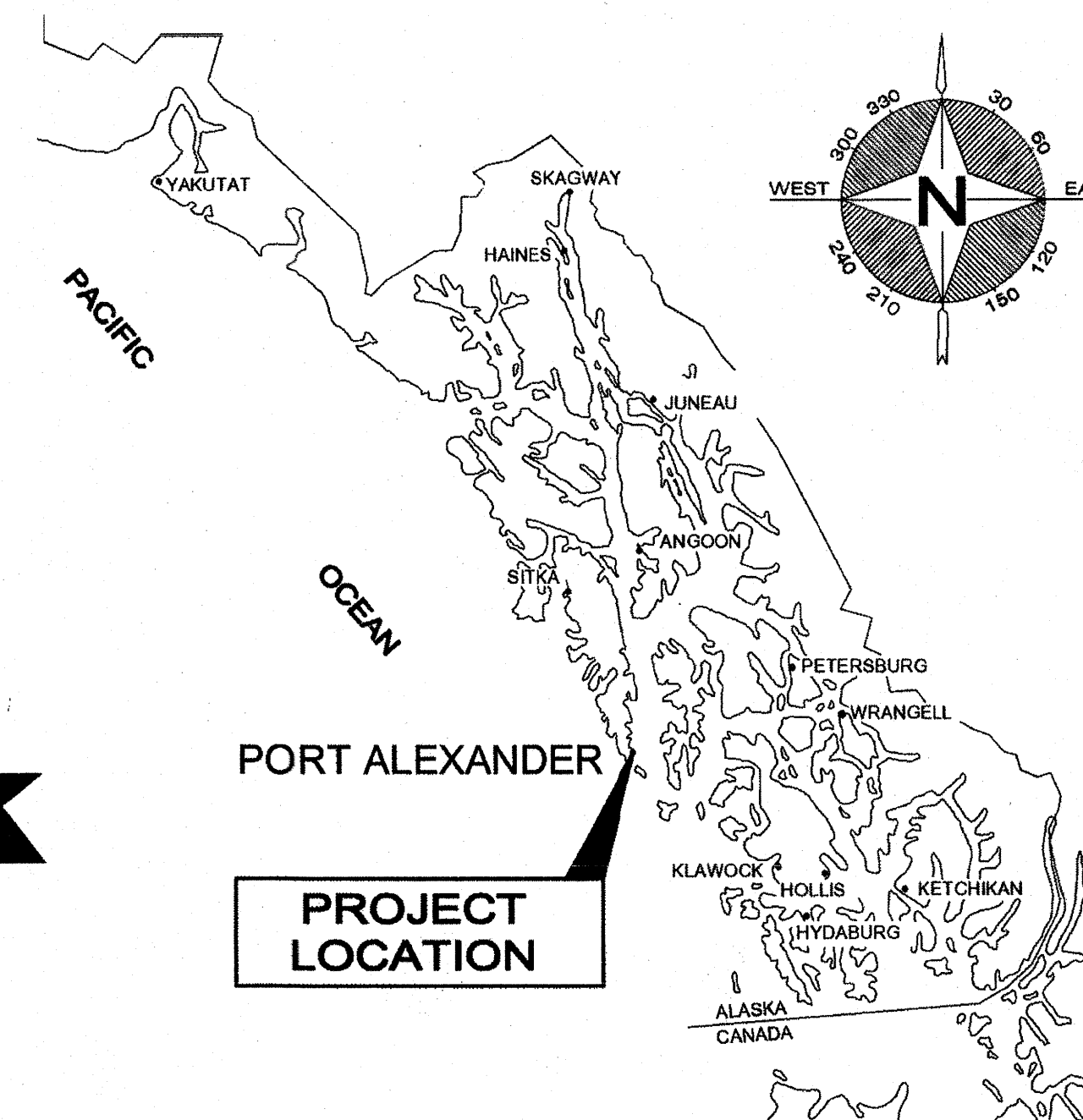


STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SOUTHEAST REGION  
PORT ALEXANDER, ALASKA  
**PORT ALEXANDER BOARDWALK  
PHASE II  
DC-01291-00 ~ 69029**

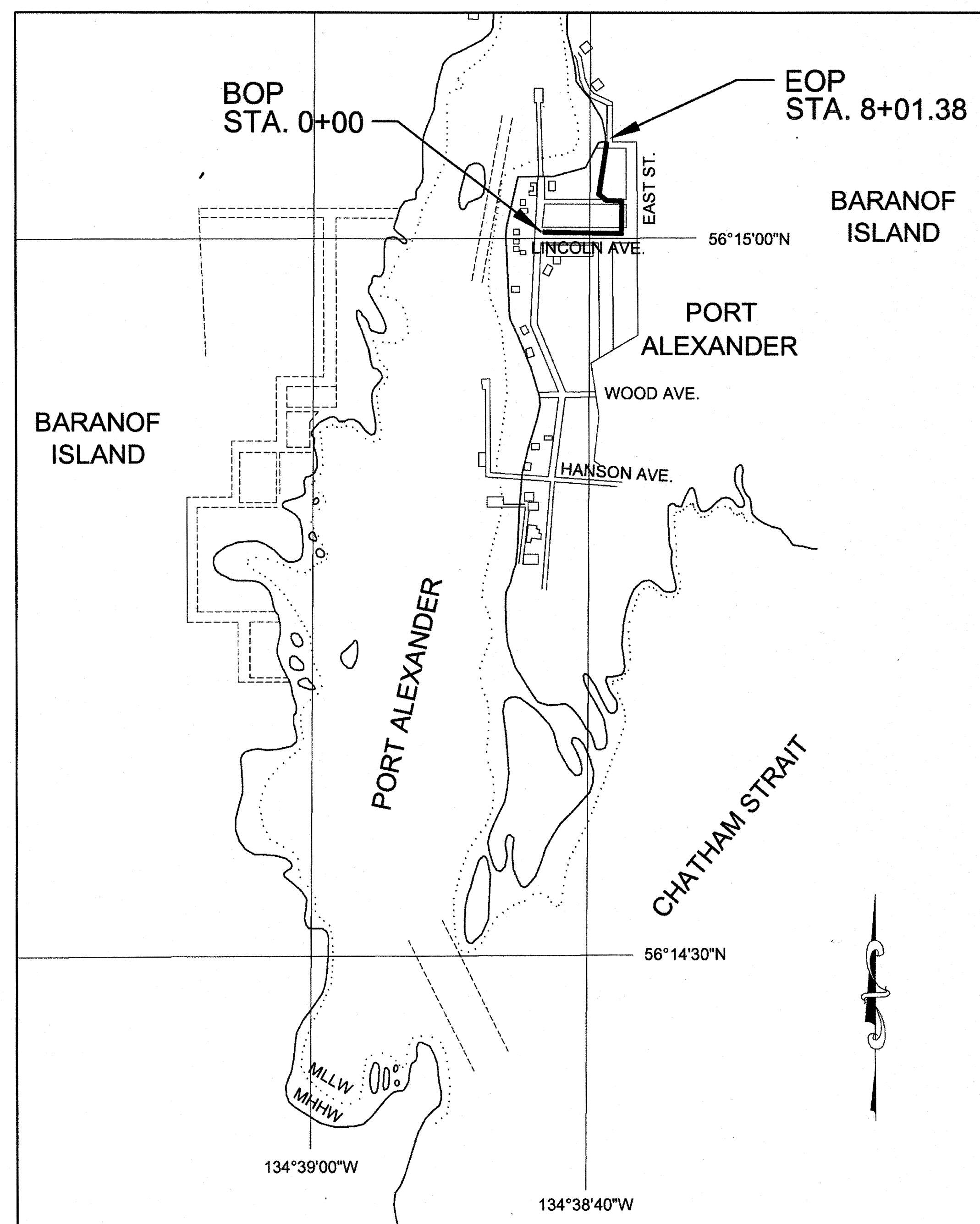


**"AS-Built" Plans**  
Contractor: Drennon Construction  
and Consulting, Inc.  
Project Engineer: Todd Fleming  
Begin Construction: 10/5/12  
End Construction: 11/24/12

## DESIGN DESIGNATION WAIVER 7-23-11

## PROJECT SUMMARY

LENGTH OF PROJECT	=	801 ft. (0.15 mi.)
LINCOLN AVENUE		
BOP	=	STA. 0+00
EOP	=	STA. 8+01.38

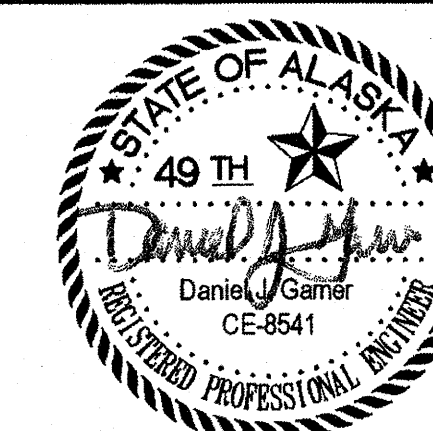


## VICINITY MAP

INDEX	
SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	SURVEY CONTROL SHEET
B1	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
F1-F2	PLAN AND PROFILE
M1-M2	FRAMING DETAILS
M3	FOUNDATION DETAILS
M4	MISCELLANEOUS DETAILS
S1	TRAFFIC CONTROL PLAN

ROUTE:	-	MILEPOINT:	-
PATH: Q:\SEA\69029\EN\PI\Port Alex-Sheet 1-Tsht.dwg			
Fri, 13/Apr/12 11:02AM			
dastevens			
PLOT: PSPACE OR MSPACE:			TAB: TSHT

**STATE OF ALASKA**  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION



4-17-12

**APPROVED:**

APPROVED: Chuck Correa  
CHUCK CORREA, P.E.  
REGIONAL PRECONSTRUCTION ENGINEER

4/26/12  
DATE

**APPROVED:**

ALBERT H. CLOUGH, CPG  
DIRECTOR, SOUTHEAST REGION

4.26.20  
DATE

**CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:**

Maureen A. Hall  
CONSTRUCTION PROJECT MANAGER

10-28-1  
DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	DC-01291-00	2012	A1	11

POINT	NORTH	EAST	ELEV	DESCRIPTION
115	1614138.3885	2486526.3326	28.03	X ON BWALK
116	1613981.6079	2486515.7601	32.86	TACK IN BWALK
117	1613934.0791	2486512.4881	37.38	TACK IN BWALK
121	1614150.7203	2486648.4993	30.28	H&T
122	1614137.1864	2486795.1244	31.16	H&T
123	1614192.1040	2486838.8723	34.35	H&T
124	1614277.8033	2486796.9373	35.23	H&T
125	1614399.9148	2486798.6497	29.35	PK IN ROOT
126	1614531.6174	2486782.7263	11.56	H&T
222	1614389.6870	2486599.7630	10.97	ALSEC 1.5" UNREADABLE RTK
223	1614386.9470	2486531.0210	13.38	ALSEC 2" L1 B2 RTK
228	1614280.0896	2486535.9276	22.74	IP RTK
230	1614134.0995	2486805.8546	28.18	X ON RK
232	1614531.0246	2486823.7510	19.70	BLM BC 3.25" MC C1 TR-A S2009
233	1614531.7994	2486782.3568	11.36	ALSEC 1.5" SHOT AT SPINHOLE

CONTROL MONUMENT NOTES:

- IF ANY PAIR OF CONTROL POINTS DISAGREES FROM PUBLISHED VALUE BY MORE THAN 1:10,000 HORIZONTALLY OR VERTICALLY THEN A THIRD NETWORK POINT MUST BE TIED TO ASCERTAIN WHICH POINT IS IN ERROR OR HAS BEEN DISTURBED.
- WHETHER LISTED OR NOT, ALL MONUMENTS OR PROPERTY MARKERS OR ACCESSORIES WHICH WILL BE DISTURBED OR BURIED SHALL BE REFERENCED PRIOR TO BEING DISTURBED AND RE-ESTABLISHED IN THEIR ORIGINAL POSITION AND A RECORD OF MONUMENT FORM IN ACCORDANCE WITH A.S.34.65.040 SHALL BE SUBMITTED TO THE CONSTRUCTION ENGINEER FOR REVIEW PRIOR TO RECORDING. COORDINATE VALUES LISTED ARE FOR INFORMATIONAL PURPOSES AND SHOULD BE USED TO RESET MONUMENTS ONLY AS A LAST RESORT.

PATH Q:\SEA159029\ENR\PS\SURVEY CONTROL.DWG		
STEVENS, DAVID A (DOT)		
TAB A2	Friday, May 25, 2012 11:32:05 AM	
ADDENDUM NUMBER		
5		
ATTACHMENT NUMBER		
4		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION
1	5-25-12	VERT. ALIGN TABLE & F & G EL

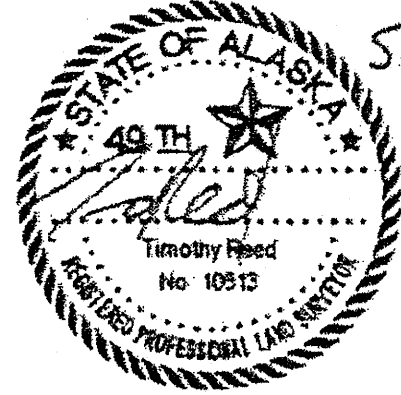
PORT ALEXANDER BOARDWALK

PHASE II  
PROJECT NO. 69029

SURVEY CONTROL SHEET

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *[Signature]* Date 5-25-12

CHECKED BY: D. GARNER



DESIGNED BY: T. REED

DRAWN BY: D. STEVENS

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

PORT ALEXANDER  
BOARDWALK PHASE II  
PROJECT NO. 69029

SURVEY CONTROL SHEET

PROJECT DESIGNATION

DC-01291-00

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS

A2 11

VERTICAL ALIGNMENT TABLE

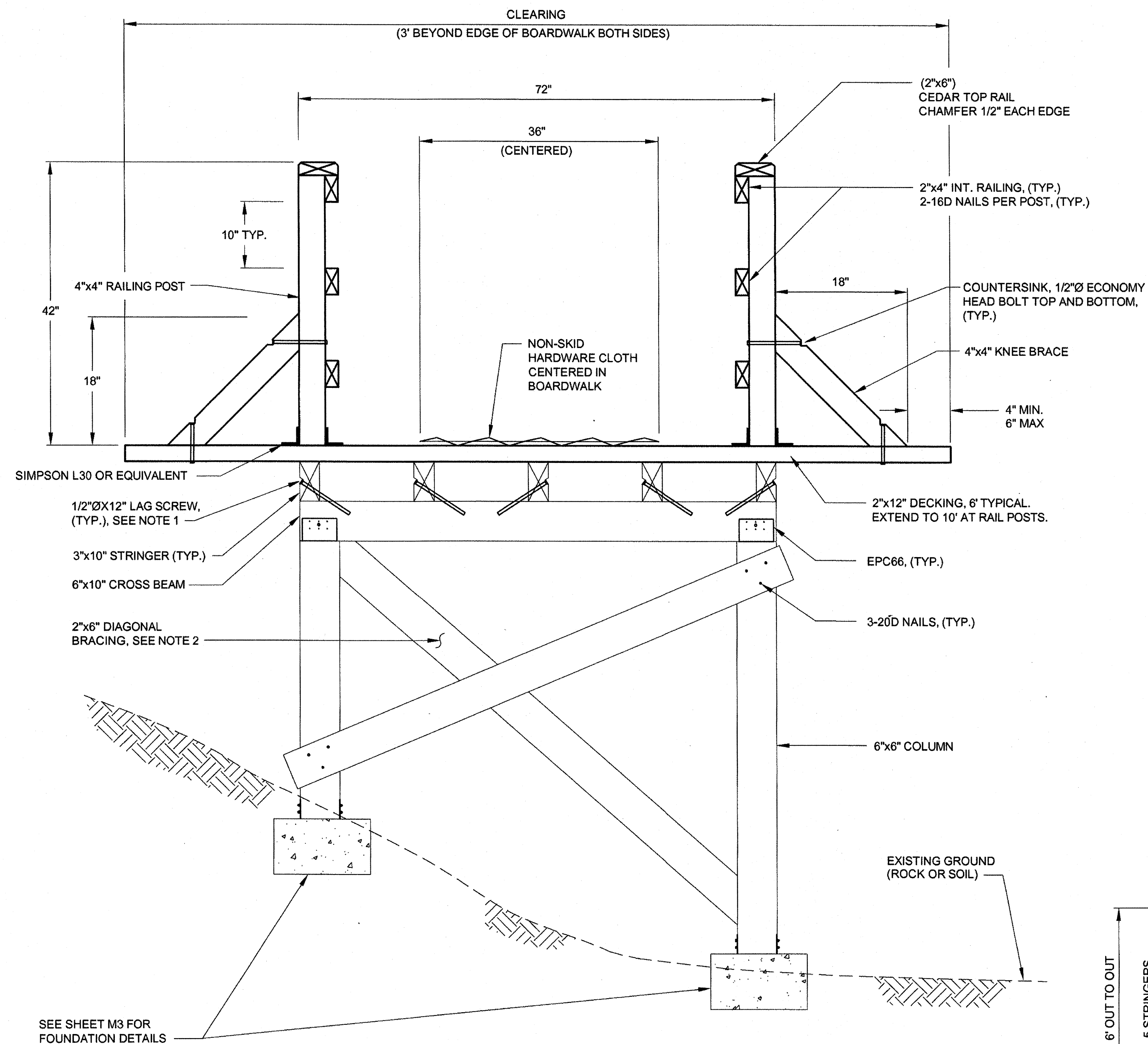
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PVI STA 1+00.00	N 1,614,145.7532	E 2,486,629.2686	FG EL= 30.8
PVI STA 1+18.53	N 1,614,145.4802	E 2,486,647.7965	FG EL= 32.0
PVI STA 2+00.00	N 1,614,144.2797	E 2,486,729.2577	FG EL= 31.6
PVI STA 2+47.66	N 1,614,143.5774	E 2,486,776.9125	FG EL= 34.5
PVI STA 2+99.25	N 1,614,142.8172	E 2,486,828.4969	FG EL= 34.8
PVI STA 3+31.02	N 1,614,142.3491	E 2,486,860.2635	FG EL= 32.7
PVI STA 3+96.32	N 1,614,207.5447	E 2,486,861.3202	FG EL= 34.6
PVI STA 4+15.00	N 1,614,226.2226	E 2,486,861.5954	FG EL= 36.0
PVI STA 4+55.46	N 1,614,266.6782	E 2,486,862.1916	FG EL= 36.3
PVI STA 4+69.29	N 1,614,280.5096	E 2,486,862.3955	FG EL= 36.4
PVI STA 5+05.72	N 1,614,281.0463	E 2,486,825.9723	FG EL= 36.7
PVI STA 5+33.43	N 1,614,281.4666	E 2,486,798.2654	FG EL= 36.1
PVI STA 5+76.68	N 1,614,309.4727	E 2,486,765.3132	FG EL= 32.6
PVI STA 6+99.71	N 1,614,431.0476	E 2,486,784.0841	FG EL= 22.9
PVI STA 7+39.86	N 1,614,470.7261	E 2,486,790.2189	FG EL= 21.0
PVI STA 7+79.01	N 1,614,509.4164	E 2,486,796.2010	FG EL= 18.0



SCALE IN FEET

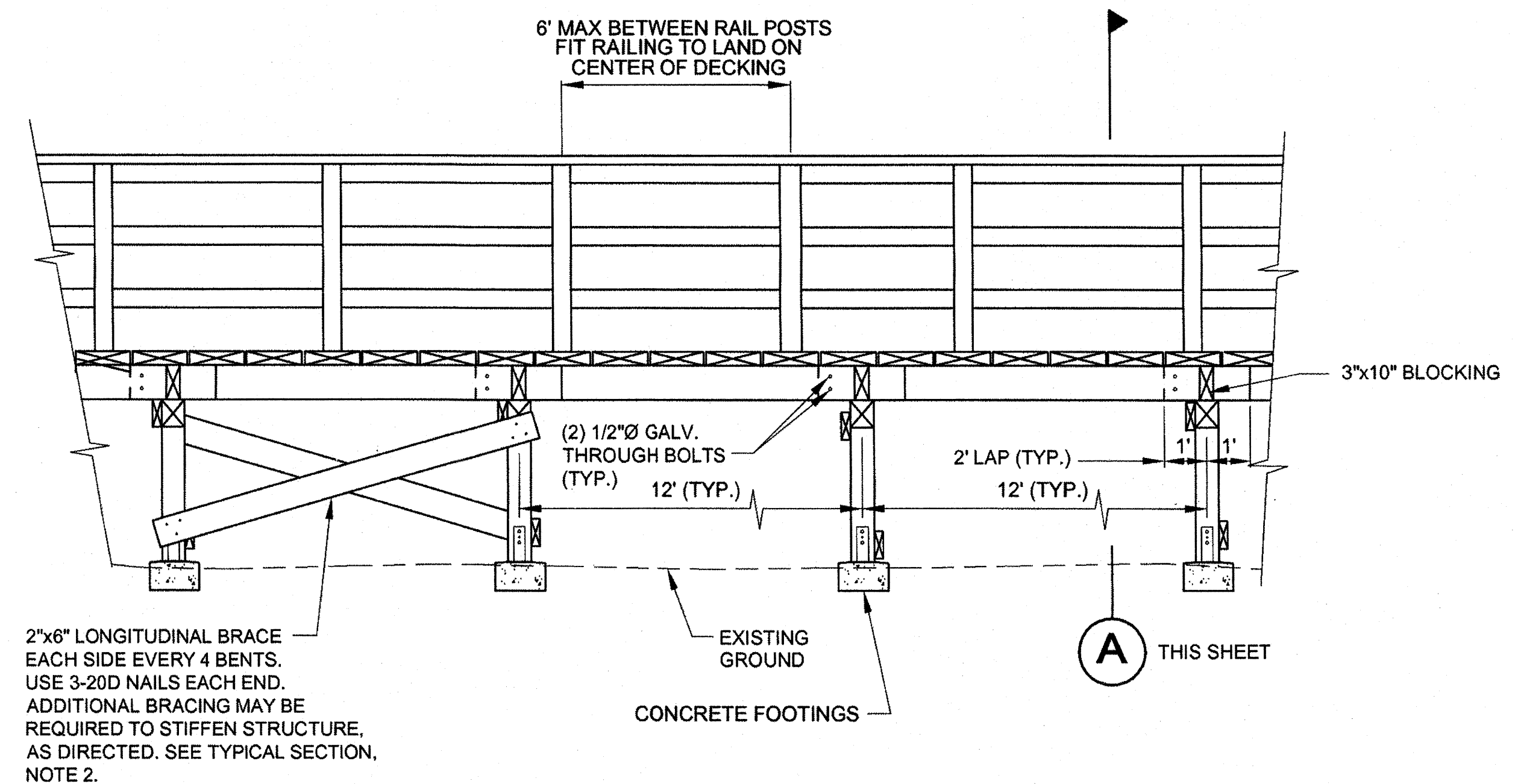
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



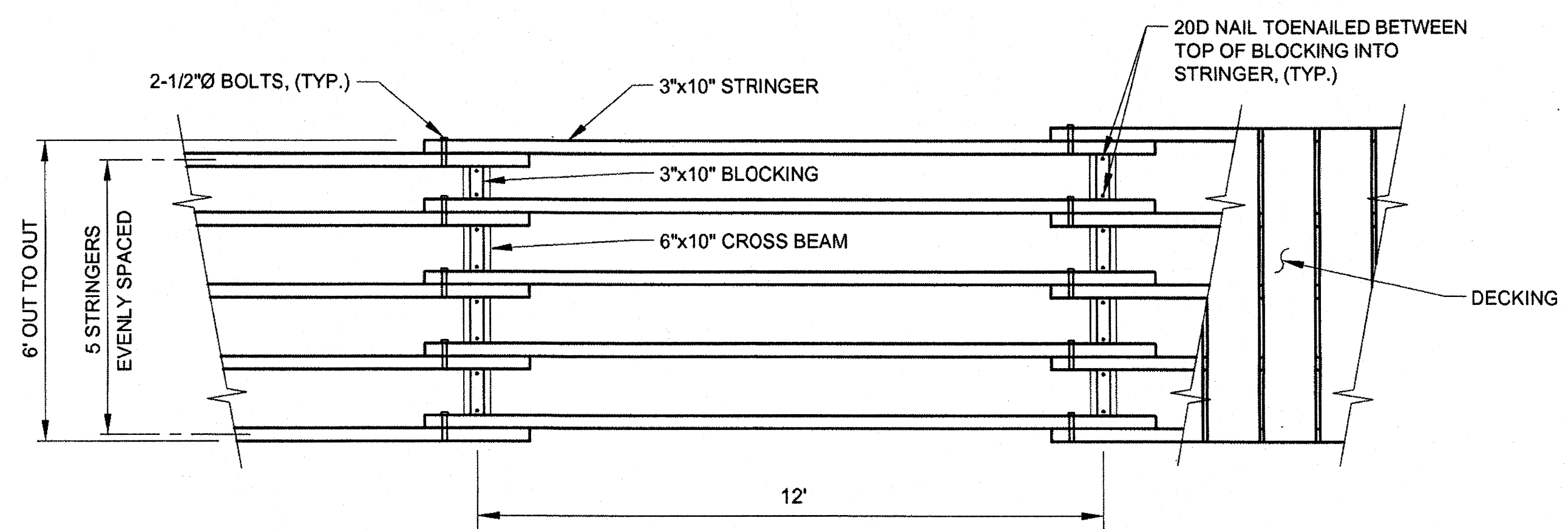


### TYPICAL BOARDWALK SECTION "A-A"

- NOTES:**
1. STRINGERS TO BE FASTENED TO CAP BEAM WITH 1-1/2"x12" LAG SCREW PER STRINGER. (5 PER BENT) POSITION EACH SCREW TO ENGAGE THE BLOCKING AND AT LEAST 5" PENETRATION INTO THE CAP BEAM. AVOID SPLITTING THE WOOD OR EXPOSING THE SCREW. COUNTERSINK TO ALLOW FULL BEARING OF SCREW HEAD AND WASHER.
  2. DIAGONAL BRACING MAY BE ELIMINATED IF HEIGHT OF COLUMN IS LESS THAN 2' ABOVE TOP OF FOOTING.



### TYPICAL BOARDWALK ELEVATION



## TYPICAL BOARDWALK PLAN

PATH: Q:\SEA\69029\EN\PI\PORT ALEX-SHEET  
2-TYPICAL SECTION.DWG

STEVENS, DAVID A (DOT)

TAB: B1 Friday, April 13, 2012 1:30:12 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

# PORT ALEXANDER BOARDWALK

## PHASE II

PROJECT NO. 69029

## TYPICAL BOARDWALK AND HANDRAIL SECTIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

Proj. Eng.   *JE*   Date   4-2-13  

Proj. Eng.   *JS*   Date   4-2-13  

CHECKED BY: D. GARNER



DESIGNED BY: L. GEHRING

DRAWN BY: D. STEVENS

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

PORT ALEXANDER  
BOARDWALK PHASE II  
PROJECT NO. 69029

## TYPICAL BOARDWALK AND HANDRAIL SECTIONS

PROJECT DESIGNATION

**DC-01291-00**

STATE	YEAR
-------	------

ALASKA	2012
--------	------

SHEET NUMBER	TOTAL SHEET
--------------	-------------

**B1**

11

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM	UNIT	QUANTITY
506(5)	CONSTRUCT BOARDWALK	LUMP SUM	ALL REQUIRED
506(7)	FURNISH MISCELLANEOUS TIMBER	LUMP SUM	ALL REQUIRED
640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
640(4)	WORKER MEALS AND LODGING OR PER DIEM	LUMP SUM	ALL REQUIRED
641(1)	EROSION AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
641(3)	TEMPORARY EROSION AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED

APPROACH SUMMARY				
LOCATION	LENGTH	QUANTITY	COMMENTS	
4+69	28'	1 EA.	USE APPROACH DETAIL TO CONNECT TO PROPOSED BOARDWALK-USE DETAIL ON SHEET M1	NOT IN THIS CONTRACT (BY OTHERS)
5+33	28'	1 EA.	USE APPROACH DETAIL TO CONNECT TO EXISTING APPROACH-USE DETAIL ON SHEET M1	NOT IN THIS CONTRACT (BY OTHERS)
7+73	28'	1 EA.	USE APPROACH DETAIL TO CONNECT TO EXISTING APPROACH-USE DETAIL ON SHEET M4	IN THIS CONTRACT

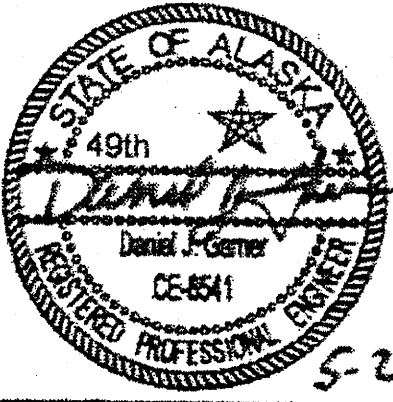
FURNISH MISCELLANEOUS TIMBER SUMMARY		
DIMENSION	UNIT LENGTH	LENGTH
4" x 4"	10'	150'
6" x 6"	10'	250'
3" x 10"	14'	400'
2" x 6"	10'	500'
2" x 4"	12'	720'
6" x 10"	10'	100'
2" x 12"	12'	720'
2" x 6" CEDAR	10'	160'

NOTES:

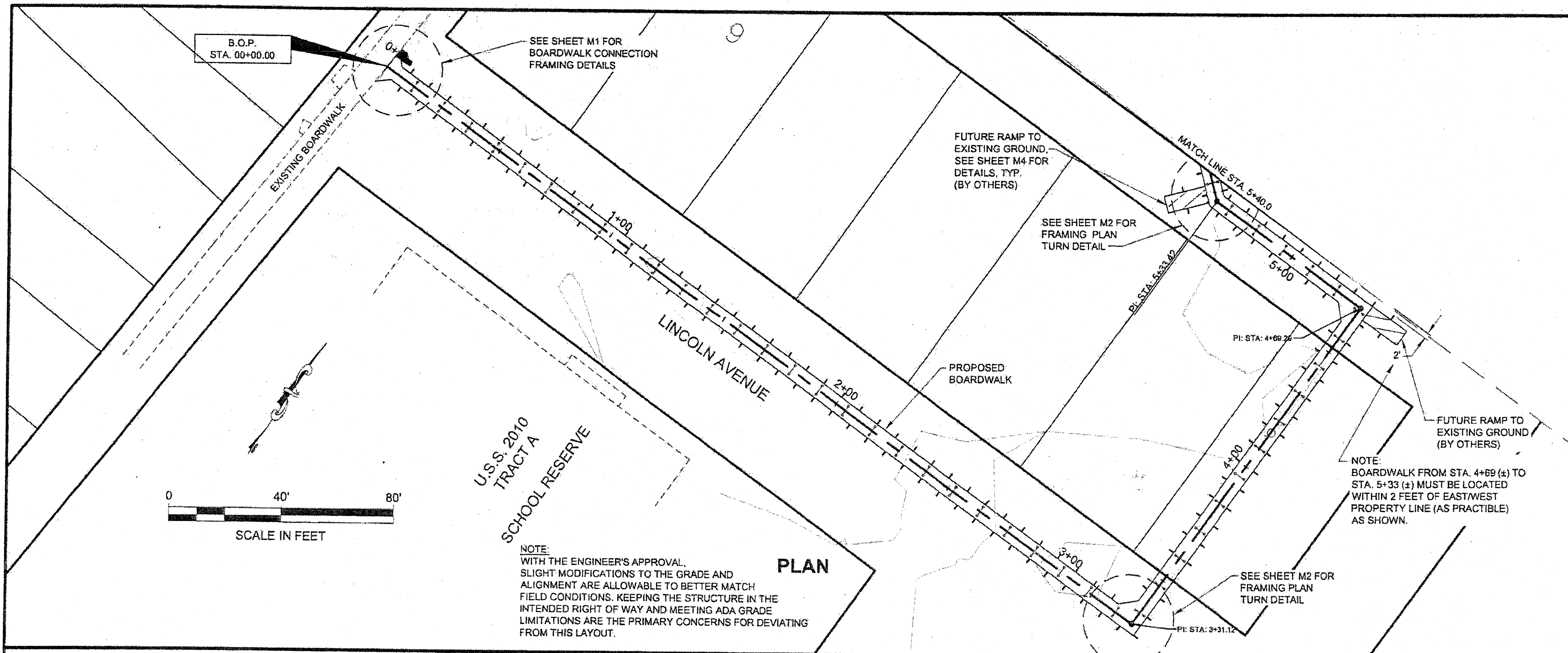
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FACTOR IN ADDITIONAL TIMBER FOR WASTE, BREAKAGE AND DEFECTS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY QUANTITIES SHOWN ON PLANS.
- HARDWARE AND FASTENERS NOT LISTED.

NOTE:

- APPROACHES AT APPROXIMATE STATION 4+69 AND STATION 5+33 ARE NOT INCLUDED IN THIS CONTRACT.

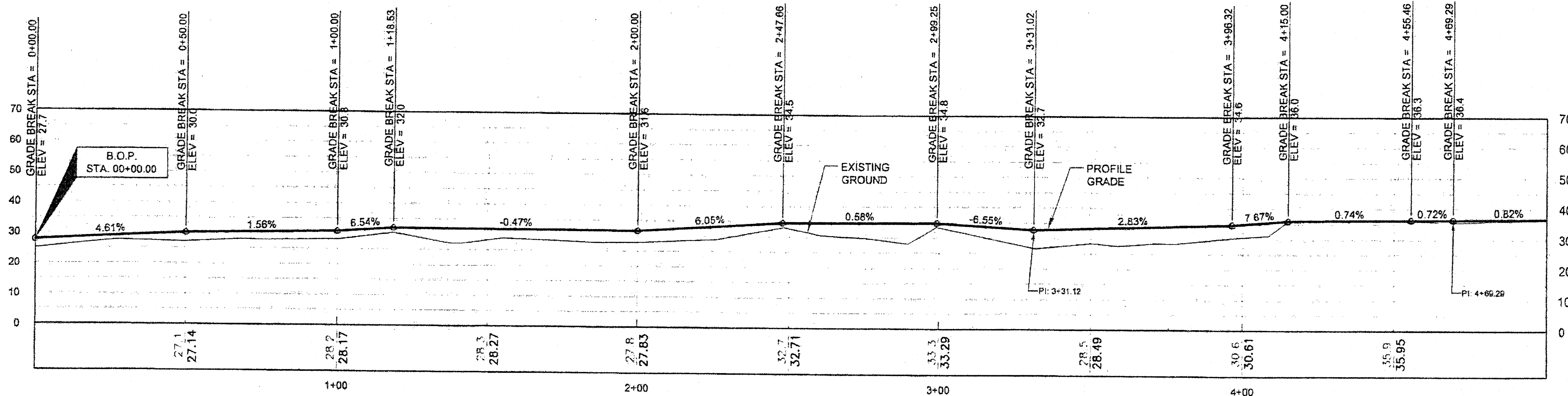
PATH Q:\SEA\69029\EN\PORT ALEX-SHEET 6&7- QUANTITIES.DWG		
STEVENS, DAVID A (DOT)		
TAB C1	Friday, May 25, 2012 10:09:36 AM	
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RECORD OF REVISIONS		
No	DATE	DESCRIPTION
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PORT ALEXANDER BOARDWALK PHASE II PROJECT NO. 69029		
BOARDWALK MATERIAL SUMMARY AND ESTIMATE OF QUANTITIES		
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed. Proj. Eng. <i>[Signature]</i> Date 4-2-13		
CHECKED BY: L. GEHRING		
		
DESIGNED BY: D. GARNER		
DRAWN BY: D. STEVENS		
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION		
PORT ALEXANDER BOARDWALK PHASE II PROJECT NO. 69029		
ESTIMATE OF QUANTITIES		
PROJECT DESIGNATION		
DC-01291-00		
STATE	YEAR	
ALASKA	2012	
SHEET NUMBER	TOTAL SHEETS	
C1	11	





NOTE:  
WITH THE ENGINEER'S APPROVAL,  
SLIGHT MODIFICATIONS TO THE GRADE AND  
ALIGNMENT ARE ALLOWABLE TO BETTER MATCH  
FIELD CONDITIONS. KEEPING THE STRUCTURE IN THE  
INTENDED RIGHT OF WAY AND MEETING ADA GRADE  
LIMITATIONS ARE THE PRIMARY CONCERNS FOR DEVIATING  
FROM THIS LAYOUT.

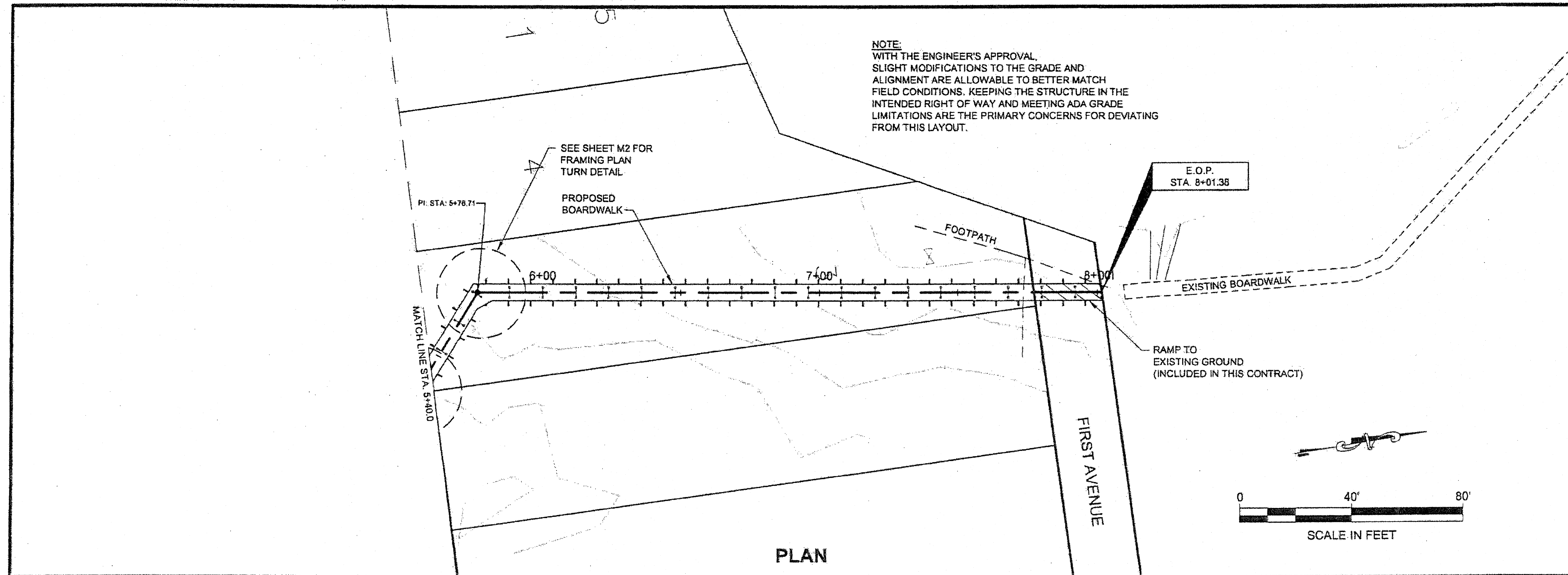
PLAN



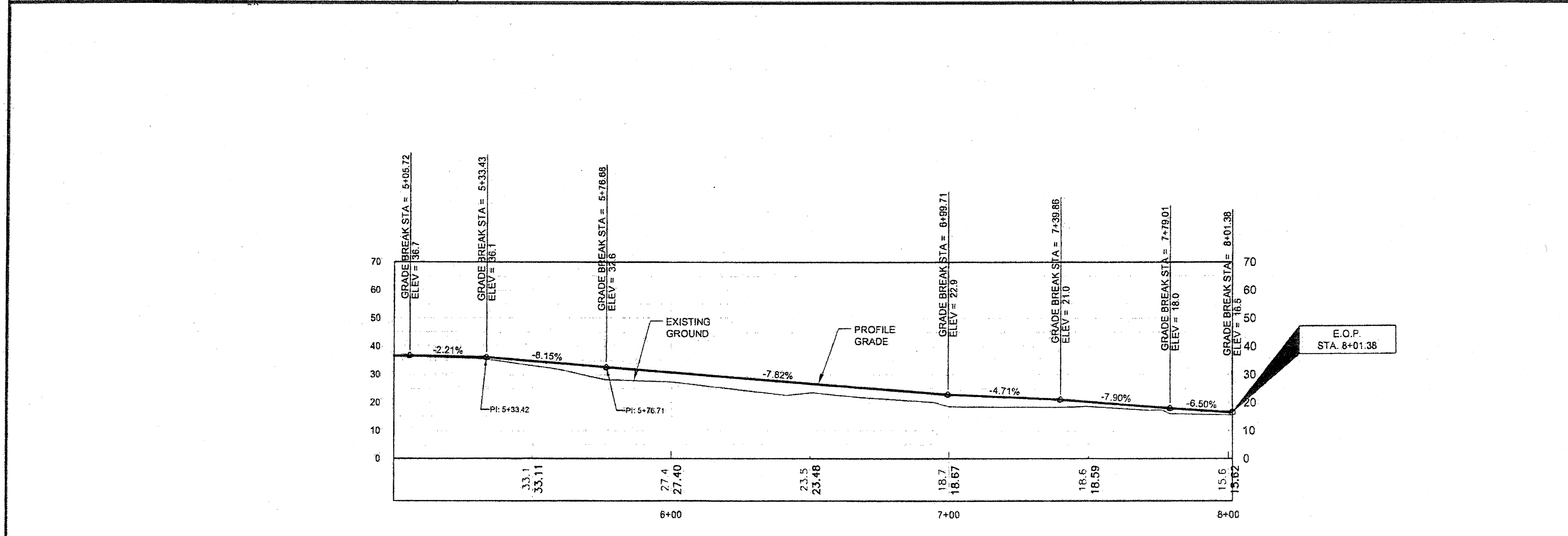
PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\SEA\69029\EMP\69029_F1-F2 PP_TIM'S_EDIT.DWG	
STEVENSON, DAVID A. (DOT) TAB: F1 Friday, May 25, 2012 11:40:03 AM	
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ATTACHMENT NUMBER 2	
RECORD OF REVISIONS	
No.	DATE DESCRIPTION
1	5-25-12 PROFILE GRADE & NOTES
PORT ALEXANDER BOARDWALK PHASE II PROJECT NO. 69029	
PLAN AND PROFILE	
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed. Proj. Eng. <i>[Signature]</i> Date: 4-2-13	
CHECKED BY: L. GEHRING	
DESIGNED BY: D. GARNER	
DRAWN BY: D. STEVENS	
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
PORT ALEXANDER PHASE II PROJECT NO. 69029	
PLAN AND PROFILE	
PROJECT DESIGNATION DC-01291-00	
STATE ALASKA	YEAR 2012
SHEET NUMBER F1	TOTAL SHEETS 11



PLAN



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH Q:\SEA\69029\EMP\69029\_F1-F2  
PP\_T1M'S\_EDIT.S.DWG

STEVENSON, DAVID A. (DOT)  
TAB F2 Friday, May 25, 2012 11:40:16 AM

ADDENDUM NUMBER  
5

ATTACHMENT NUMBER  
3

RECORD OF REVISIONS

No	DATE	DESCRIPTION
1	5-25-12	PROFILE GRADE & NOTES

PORT ALEXANDER BOARDWALK  
PHASE II  
PROJECT NO. 69029

**PLAN AND PROFILE**

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *[Signature]* Date 4-2-13

CHECKED BY: L. GEHRING

DESIGNED BY: D. GARNER

DRAWN BY: D. STEVENSON

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

PORT ALEXANDER  
PHASE II  
PROJECT NO. 69029

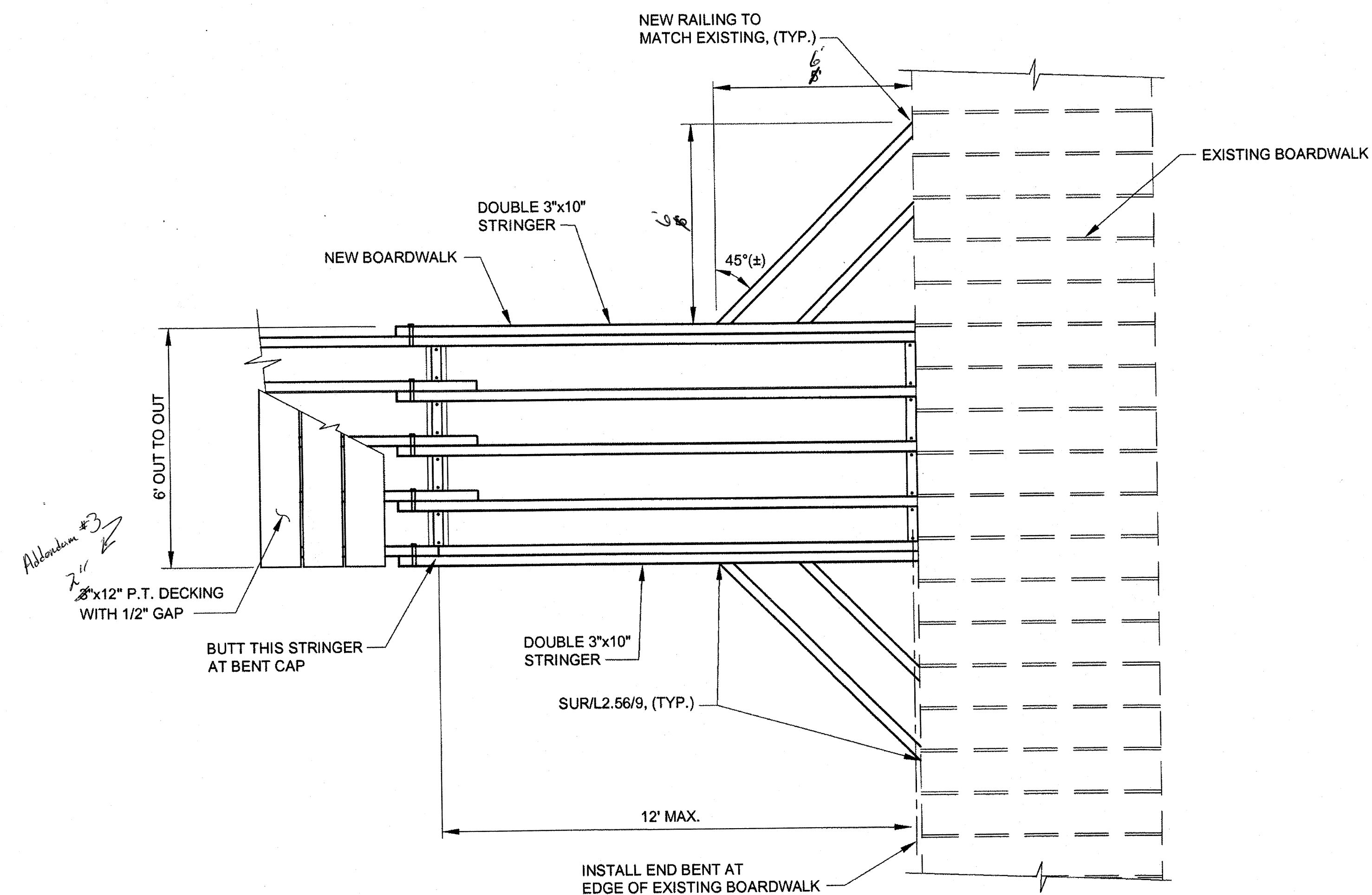
**PLAN AND PROFILE**

PROJECT DESIGNATION  
DC-01291-00

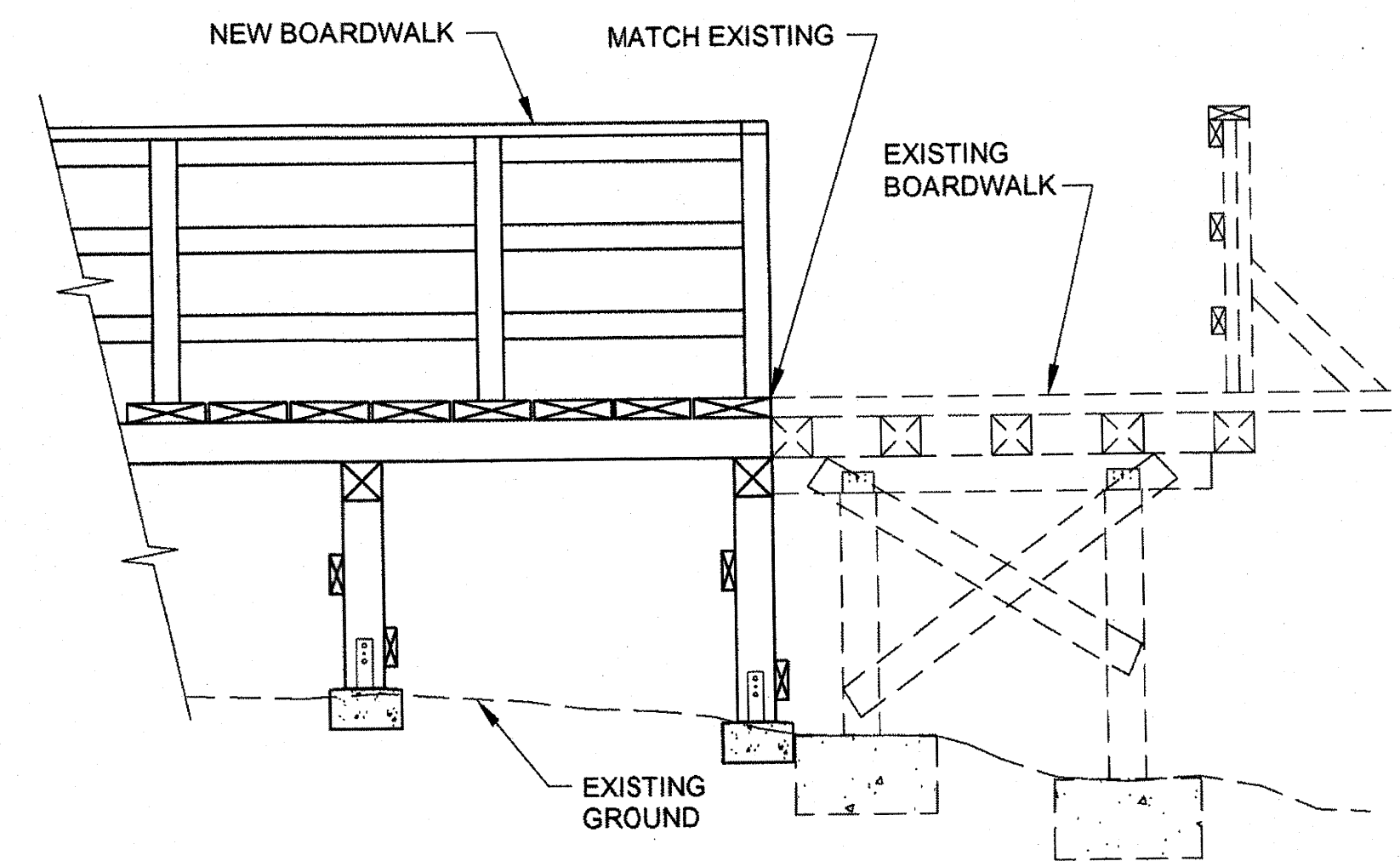
STATE	YEAR
ALASKA	2012

SHEET NUMBER	TOTAL SHEETS
F2	11

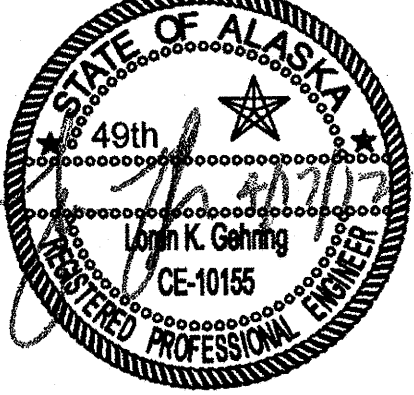




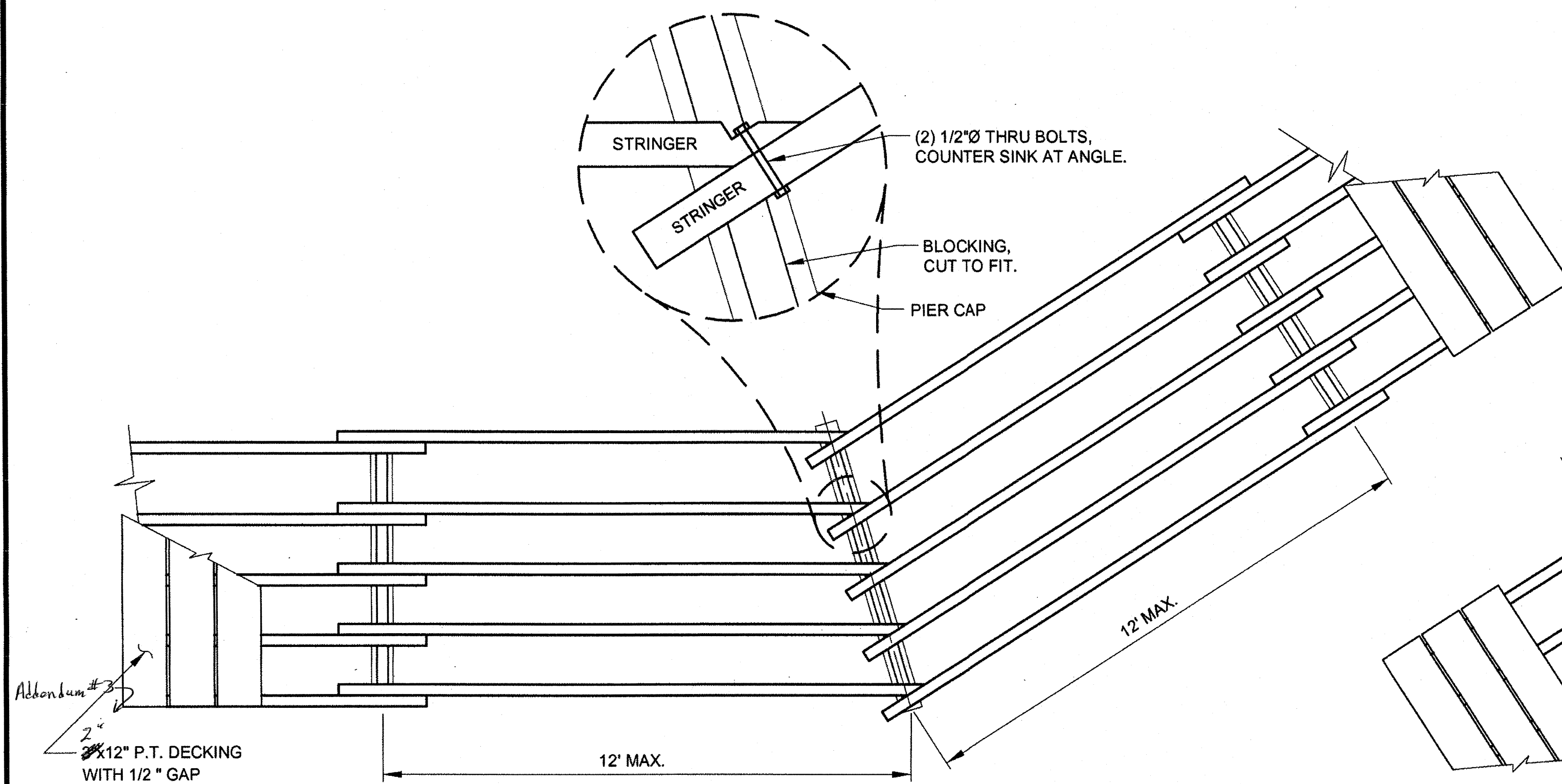
**BOARDWALK CONNECTION STA. 0+00**  
SIMILAR DETAIL FOR APPROACH AT STA. 4+69 AND STA. 5+36



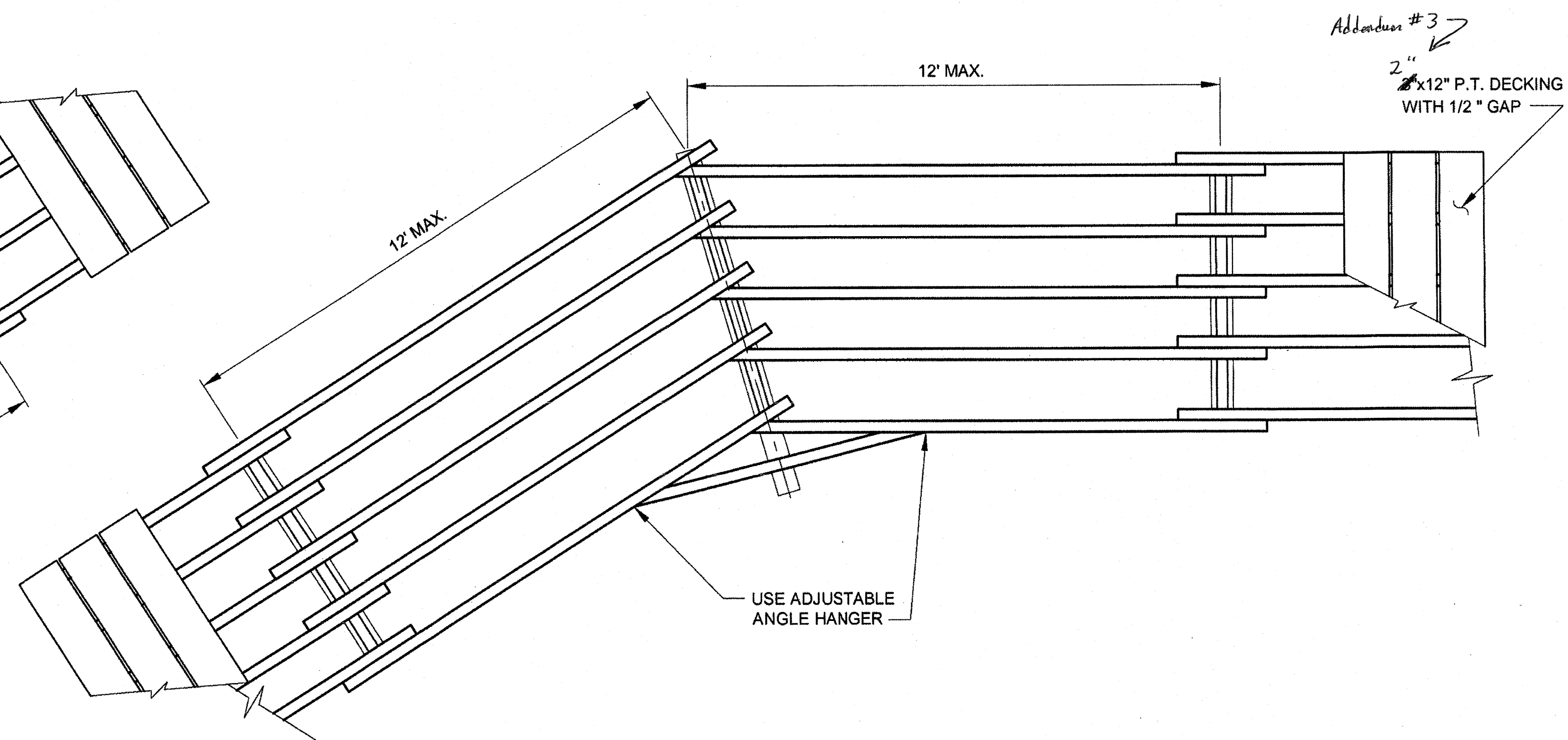
**BOARDWALK CONNECTION PROFILE STA. 00+00**

PATH: Q:\SEA\69029\ENIP\PORT ALEX-SHEET 3&4- FOOTING TYPICAL.DWG		
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TAB: M1 Friday, April 13, 2012 11:03:31 AM		
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ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION
<div style="display: flex; justify-content: space-between;"> <div> PORT ALEXANDER BOARDWALK  PHASE II  PROJECT NO. 69029 </div> <div> FRAMING DETAILS </div> </div>		
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed. Proj. Eng. <i>[Signature]</i> Date <i>4-2-13</i>		
CHECKED BY: D. GARNER		
<div style="text-align: center;">  </div>		
DESIGNED BY: L. GEHRING		
DRAWN BY: D. STEVENSON		
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION  PORT ALEXANDER BOARDWALK PHASE II PROJECT NO. 69029		
FRAMING DETAILS		
PROJECT DESIGNATION		
DC-01291-00		
STATE	YEAR	
ALASKA	2012	
SHEET NUMBER	TOTAL SHEETS	
M1	11	

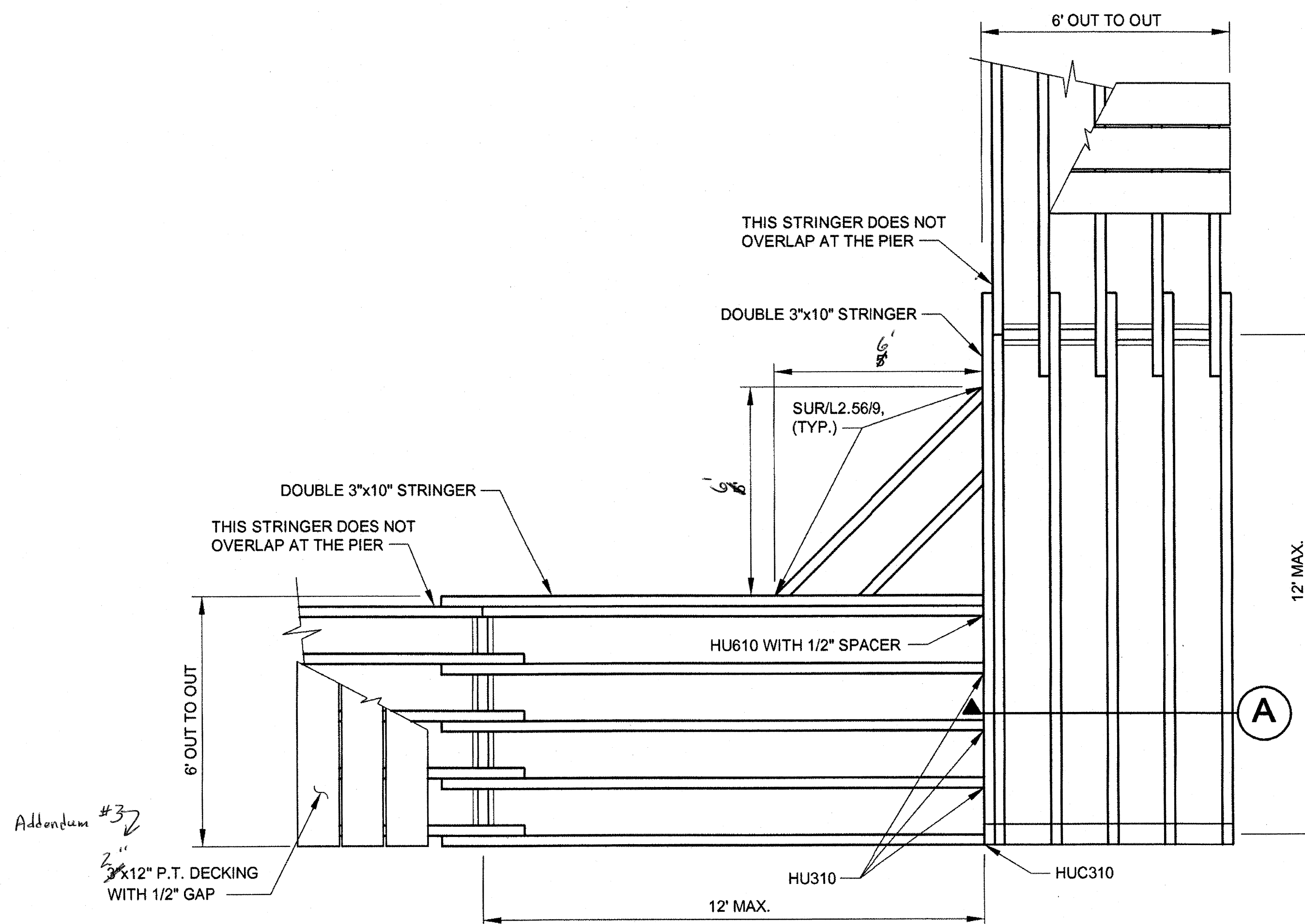
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



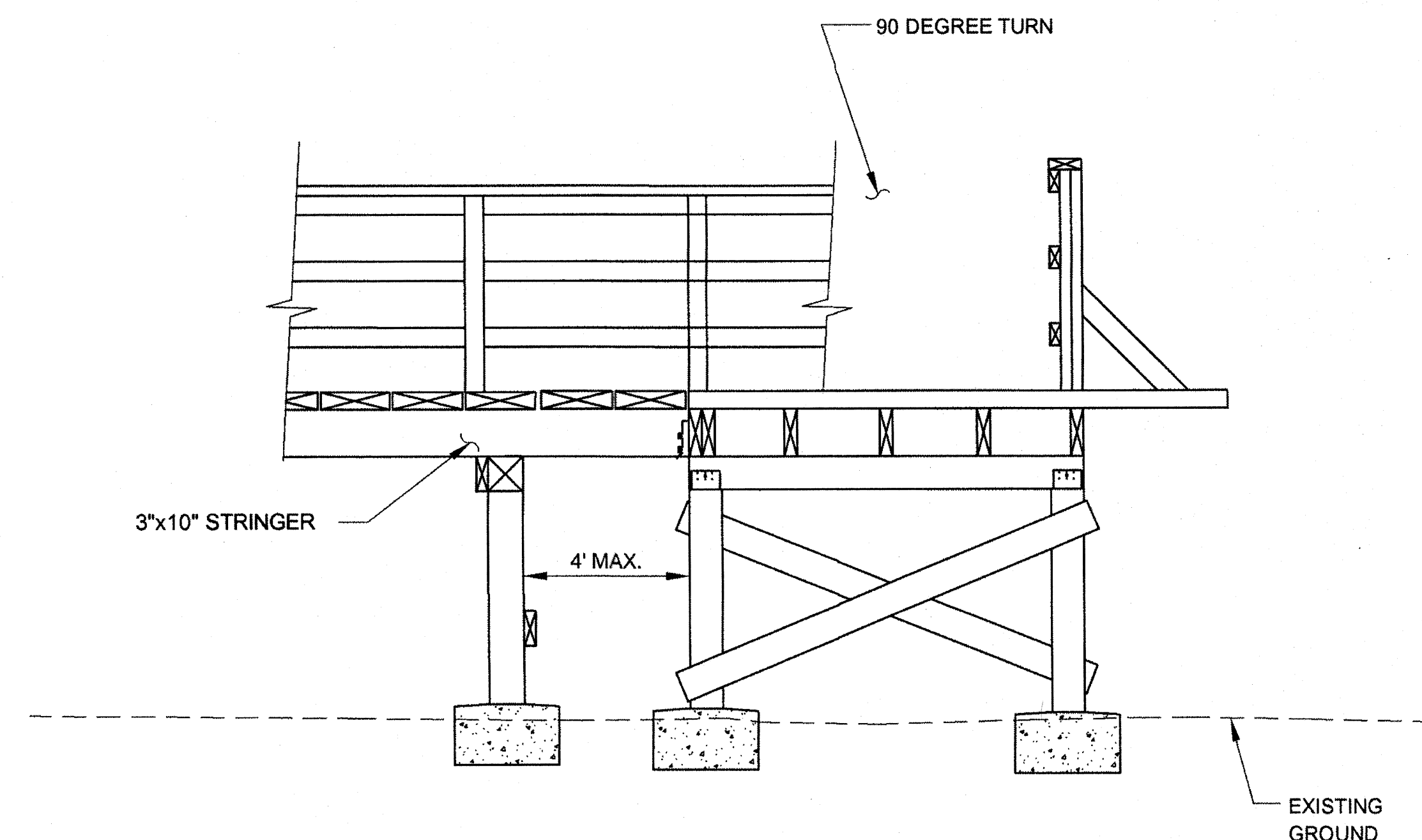
FRAMING PLAN TURN DETAIL  
STA. 5+33



FRAMING PLAN TURN DETAIL  
STA. 5+76



FRAMING PLAN TURN DETAIL  
STA. 3+31 AND STA. 4+69



ELEVATION A - A

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\SEA\69029\EN\PI\PORT ALEX-SHEET  
3&4- FOOTING TYPICAL.DWG

STEVENS, DAVID A (DOT)  
TAB: M2 Friday, April 13, 2012 11:00:32 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PORT ALEXANDER BOARDWALK  
PHASE II

PROJECT NO. 69029

FRAMING DETAILS

Project As-Built Drawings have been  
reviewed by the Project Engineer and  
represent to the best of my knowledge, the  
project as constructed.  
Proj. Eng. *[Signature]* Date 4-2-13

CHECKED BY: D. GARNER



DESIGNED BY: L. GEHRING

DRAWN BY: D. STEVENS

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

PORT ALEXANDER  
BOARDWALK PHASE II  
PROJECT NO. 69029

FRAMING DETAILS

PROJECT DESIGNATION

DC-01291-00

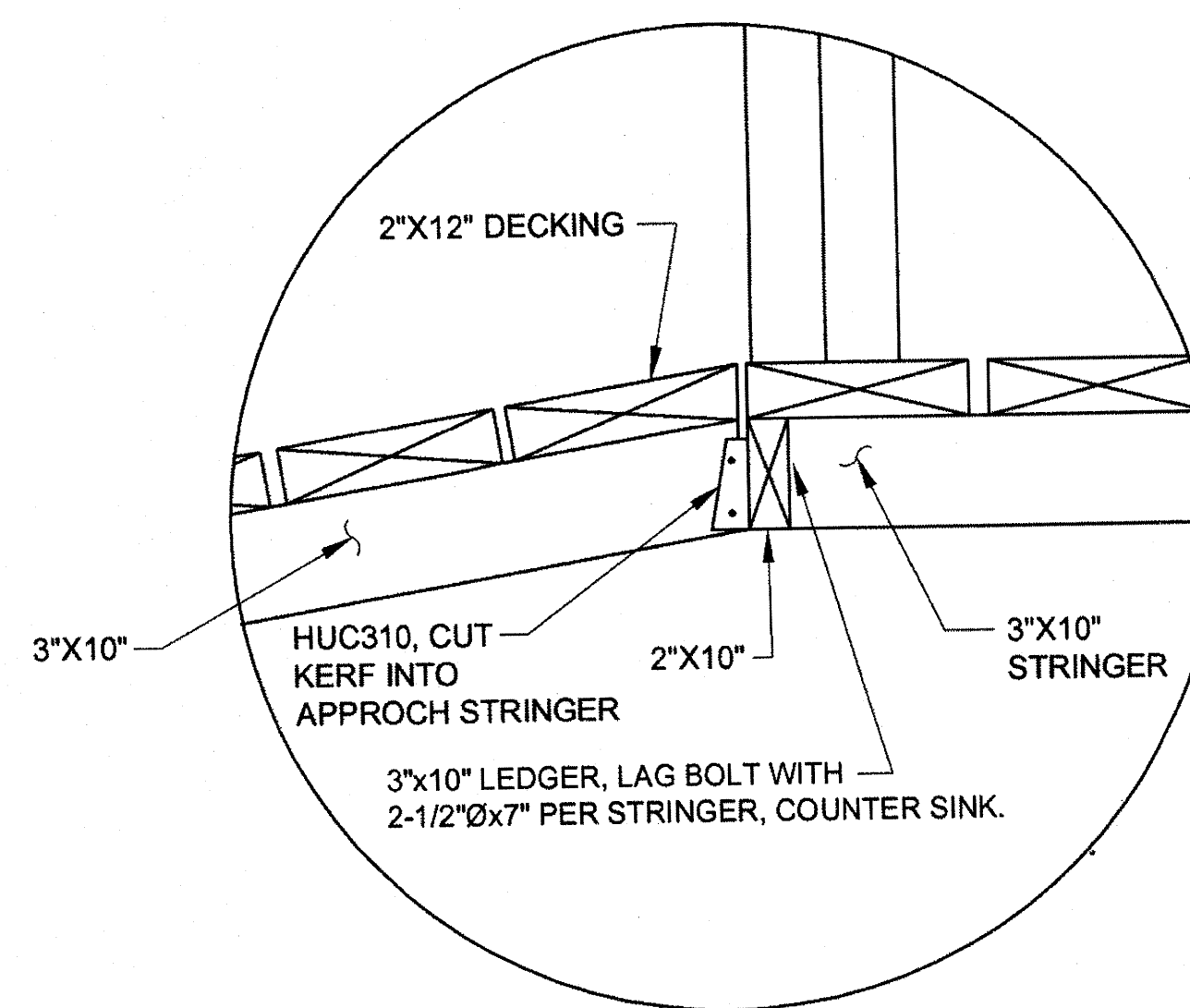
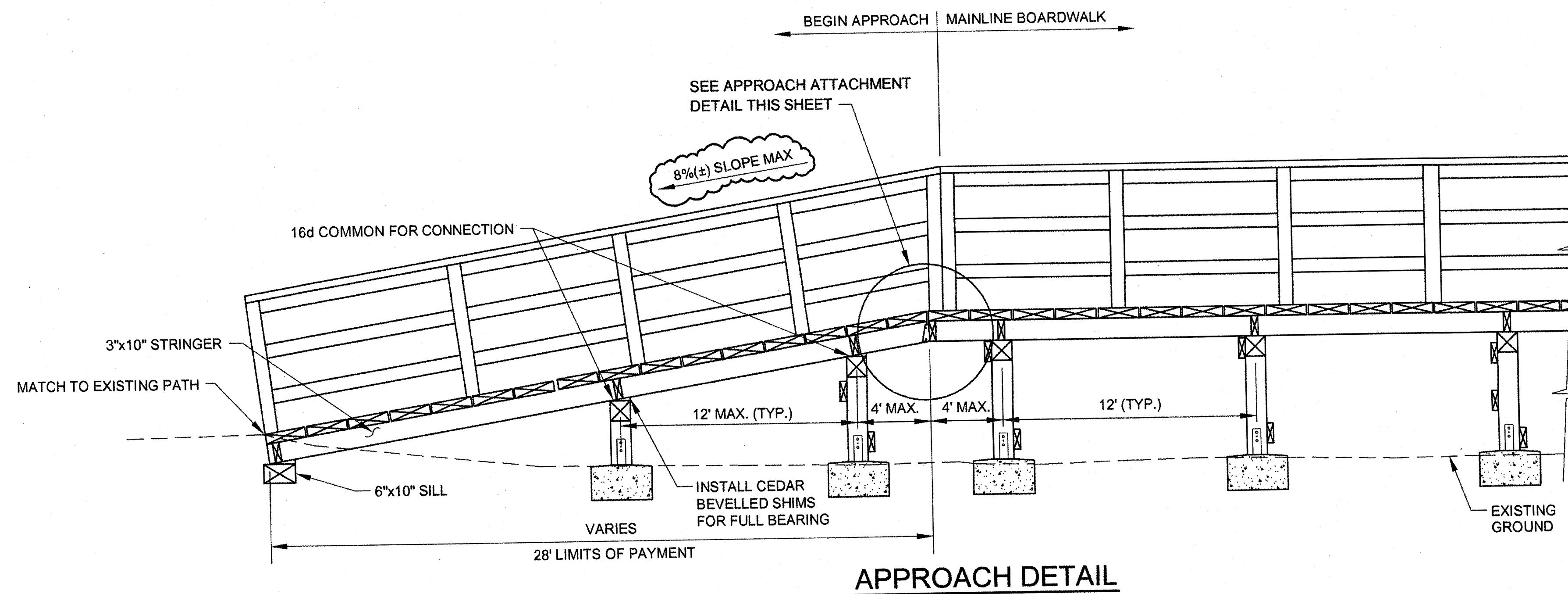
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
M2	11



## FOUNDATION DETAILS

M3 11

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**



PATH: Q:\SEA\69029\EN\PI\PORT ALEX-SHEET 3&4- FOOTING TYPICAL.DWG		
STEVENS, DAVID A (DOT)		
TAB: M4	Friday, April 13, 2012 11:03:47 AM	
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

**PORT ALEXANDER BOARDWALK**  
**PHASE II**  
**PROJECT NO. 69029**  
**MISCELLANEOUS DETAILS**

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *4-2-13*

CHECKED BY: D. GARNER



DESIGNED BY: L. GEHRING

DRAWN BY: D. STEVENS

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

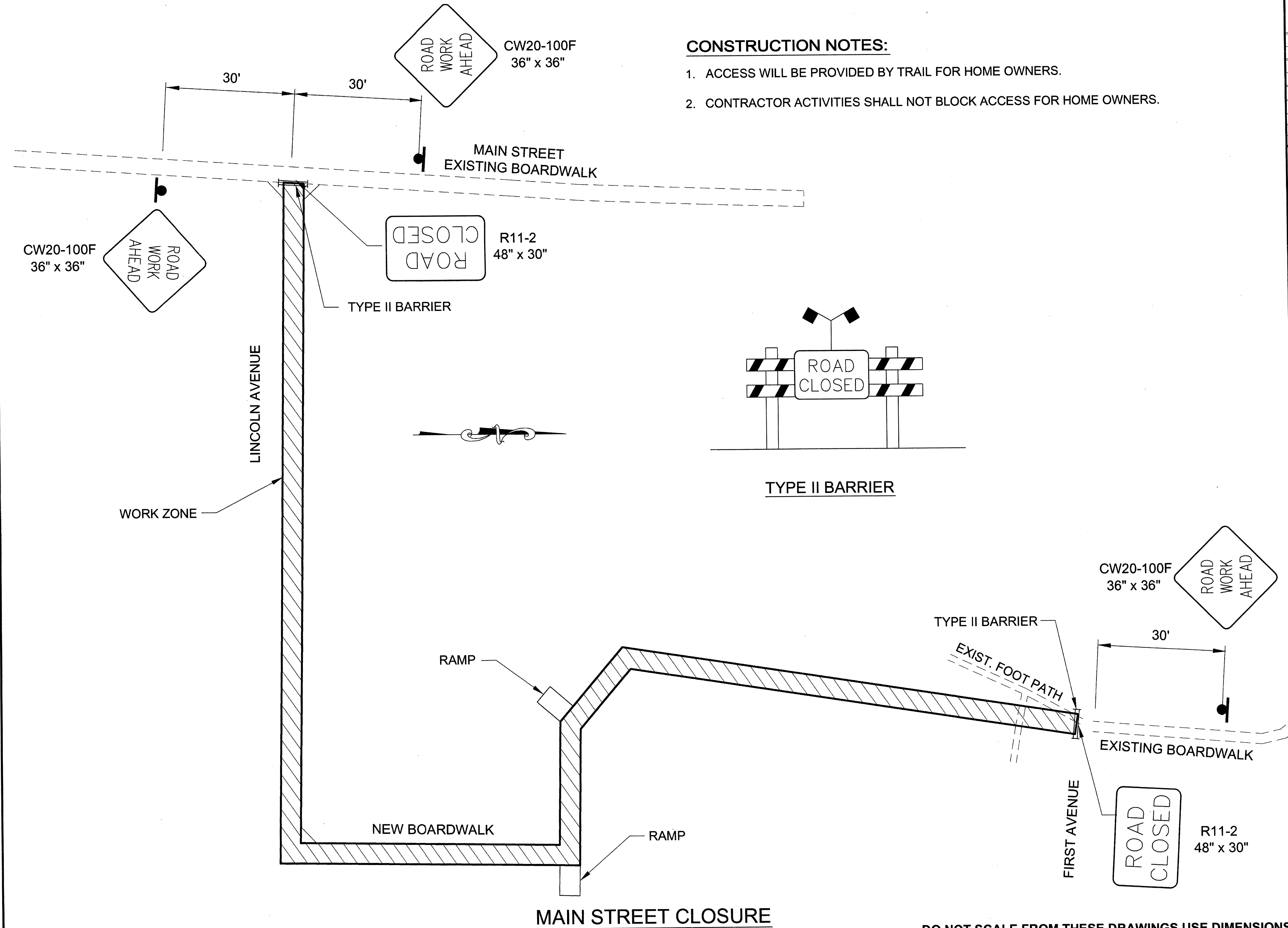
PORT ALEXANDER  
 BOARDWALK PHASE II  
 PROJECT NO. 69029

**MISCELLANEOUS DETAILS**

PROJECT DESIGNATION	
DC-01291-00	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
M4	11

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS





- CONSTRUCTION NOTES:**
- 1. ACCESS WILL BE PROVIDED BY TRAIL FOR HOME OWNERS.
  - 2. CONTRACTOR ACTIVITIES SHALL NOT BLOCK ACCESS FOR HOME OWNERS.

PATH: Q:\SEA\69029\ENIP\PORT ALEX-SHEET 11-TCP.DWG

STEVENS, DAVID A (DOT)  
TAB: S1      Friday, April 13, 2012 12:40:05 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PORT ALEXANDER BOARDWALK  
PHASE II  
PROJECT NO. 69029

TRAFFIC CONTROL PLAN

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. David Bruce Epstein Date 4-2-13

CHECKED BY: D. GARNER

DESIGNED BY: D. EPSTEIN  
DRAWN BY: D. STEVENS

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

PORT ALEXANDER  
BOARDWALK PHASE II  
PROJECT NO. 69029

TRAFFIC CONTROL PLAN

PROJECT DESIGNATION  
DC-01291-00

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
S1	11